

Title (en)  
PROSTAGLANDIN F2 ALPHA DERIVATIVES FOR DECREASING INTRAOCULAR PRESSURE

Title (de)  
PROSTAGLANDIN-F2-ALPHA-DERIVATE ZUR SENKUNG DES AUGENINNENDRUCKES

Title (fr)  
DÉRIVÉS DE PROSTAGLANDINE F2ALPHA DESTINÉS À RÉDUIRE LA PRESSION INTRAOCULAIRE

Publication  
**EP 3795562 A4 20220316 (EN)**

Application  
**EP 19802554 A 20190515**

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Abstract (en)  
[origin: CA3101512A1] The invention relates to medical chemistry, specifically to new biologically active compounds - amide derivatives of prostaglandin F2 alpha. Said compounds have low cytotoxicity and are able to stimulate the formation of endogenous nitric oxide in mammalian cells. The synthesis of said compounds helps expand the range of biologically active prostaglandin F2 alpha derivatives that are able to decrease intraocular pressure.

IPC 8 full level  
**C07C 405/00** (2006.01); **A61K 31/5575** (2006.01); **A61P 27/00** (2006.01); **A61P 27/02** (2006.01); **A61P 27/06** (2006.01); **C07D 207/08** (2006.01)

CPC (source: EP KR RU US)  
**A61K 31/5575** (2013.01 - KR RU); **A61P 27/00** (2018.01 - EP RU); **A61P 27/02** (2018.01 - EP KR); **A61P 27/06** (2018.01 - EP US); **C07C 405/00** (2013.01 - RU); **C07C 405/0008** (2013.01 - KR); **C07C 405/0041** (2013.01 - EP US); **C07D 207/08** (2013.01 - EP KR RU US); **C07C 2601/08** (2017.05 - EP)

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• See also references of WO 2019221641A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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